

REMARKS

This Amendment responds to the Office Action dated June 23, 2006 in which the Examiner rejected claims 1, 4, 9 and 12 under 35 U.S.C. §102(b).

As indicated above, claims 1 and 9 have been amended in order to make explicit what is implicit in the claims. The amendments are unrelated to a statutory requirement for patentability and do not narrow the literal scope of the claims.

Claim 1 claims an organic electroluminescence display device comprising a substrate, first, second and third electrodes and first and second organic electroluminescence layers. The first electrode is formed on the substrate. The first organic electroluminescence layer is provided on an upper layer of the first electrode. The second electrode is provided on the first organic electroluminescence layer. The second organic electroluminescence layer is provided on the second electrode. The third electrode is provided on the second electroluminescence layer. The first, second and third electrodes act as an anode and a cathode formed alternately. At least one of the first and second electrodes, for transmitting electroluminescence emitted light, is a transparent electrode. A metal film is formed on a boundary between any of the electrodes which are cathodes and the organic electroluminescence layer. The metal film is made of an alkaline metal or an alkaline earth metal, metal fluorides, metal oxides or an alloy of these metal and another metal.

Through the structure of the claimed invention a) having at least one of first and second electrodes being a transparent electrode and b) having a metal film formed on a boundary between any of the electrodes which are cathodes and the organic electroluminescence layer, as claimed in claim 1, the claimed invention

provides an electroluminescence display device in which a rise in resistance can be suppressed and transparency can be maintained. The prior art does not show, teach or suggest the invention as claimed in claim 1.

Claim 9 claims an organic electroluminescence display device comprising a substrate, first, second and third electrodes and first and second organic luminescence layers. The first electrode is formed on the substrate. The first organic electroluminescence layer is provided on an upper layer of the first electrode. The second electrode is provided on the first organic electroluminescence layer. The second organic electroluminescence layer is provided on the second electrode. The third electrode is provided on the second electrode. Odd-numbered electrodes which are provided are connected to a first electrode terminal and even-numbered electrodes which are provided are connected to a second electrode terminal. At least one of the electrodes for transmitting electroluminescence light emitted is a transparent electrode. A metal film is formed on a boundary between the electrodes which are cathodes and the organic electroluminescence layer. The metal film is made of an alkaline metal or an alkaline earth metal, metal fluorides, metal oxides or an alloy of these metal and another metal.

Through the structure of the claimed invention a) having one of the first and second electrodes being a transparent electrode and b) having a metal layer formed on a boundary between any of the electrodes that are cathodes and the organic electroluminescence layer, as claimed in claim 9, the claimed invention provides an organic electroluminescence display device in which a rise in resistance value can be suppressed and transparency can be maintained. The prior art does not show, teach or suggest the invention as claimed in claim 9.

Claims 1, 4, 9 and 10 were rejected under 35 U.S.C. §102(b) as being anticipated by *Osamu et al.* (JP 06-176870).

Applicant respectfully traverses the Examiner's rejection of the claims under 35 U.S.C. §102(b). The claims have been reviewed in light of the Office Action, and for reasons which will be set forth below, Applicant respectfully requests the Examiner withdraws the rejection to the claims and allows the claims to issue.

Osamu et al. appears to disclose a positive electrode consists of transparent electric conductive film, such as a semipermeable membrane, such as gold and nickel, and an indium stannic-acid ghost (ITO), tin oxide (SnO_2) [0011]. A negative electrode includes zinc oxide with added alloys and layered product and aluminum such as Mg, Ag, In, calcium, aluminum, etc. [0019].

Thus, *Osamu et al.* merely discloses a positive electrode which is transparent and a negative electrode of an alloy metal such as Mg, Ag, In, Ca and Al. Nothing in *Osamu et al.* shows, teaches or suggests a metal layer formed on a boundary between any of the electrodes which are cathodes and the organic electroluminescence layer as claimed in claims 1 and 9. Rather, *Osamu et al.* merely discloses a transparent positive electrode and a negative electrode of alloy metal.

Since nothing in *Osamu et al.* shows, teaches or suggests a metal layer formed on a boundary between any of the electrodes which are cathodes and an organic electroluminescence layer as claimed in claims 1 and 9, Applicant respectfully requests the Examiner withdraws the rejection to claims 1 and 9 under 35 U.S.C. §102(b).

Claims 4 and 10 depend from claims 1 and 9 and recite additional features.

Applicant respectfully submits that claims 4 and 10 would not have been anticipated by *Osamu et al.* within the meaning of 35 U.S.C. §102(b) at least for the reasons as set forth above. Therefore, Applicants respectfully request the Examiner withdraws the rejection to claims 4 and 10 under 35 U.S.C. §102(b).

Thus it now appears that the application is in condition for reconsideration and allowance. Reconsideration and allowance at an early date are respectfully requested. Should the Examiner find that the application is not now in condition for allowance, Applicant respectfully requests the Examiner enters this Amendment for purposes of appeal.

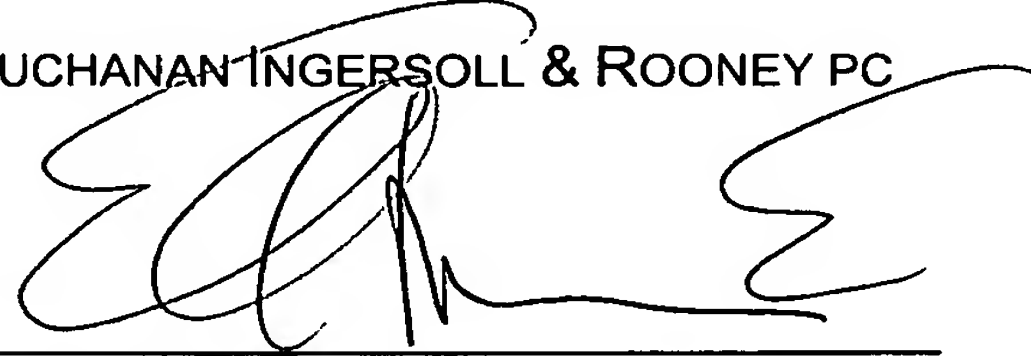
If for any reason the Examiner feels that the application is not now in condition for allowance, the Examiner is requested to contact, by telephone, the Applicant's undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this case.

In the event that this paper is not timely filed within the currently set shortened statutory period, Applicant respectfully petitions for an appropriate extension of time. The fees for such extension of time may be charged to Deposit Account No. 02-4800.

In the event that any additional fees are due with this paper, please charge
our Deposit Account No. 02-4800.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

A handwritten signature in black ink, appearing to be "EMAS", written over a horizontal line.

Date: September 21, 2006

By:

Ellen Marcie Emas
Registration No. 32131

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620